AS ORIGINALLY FILED

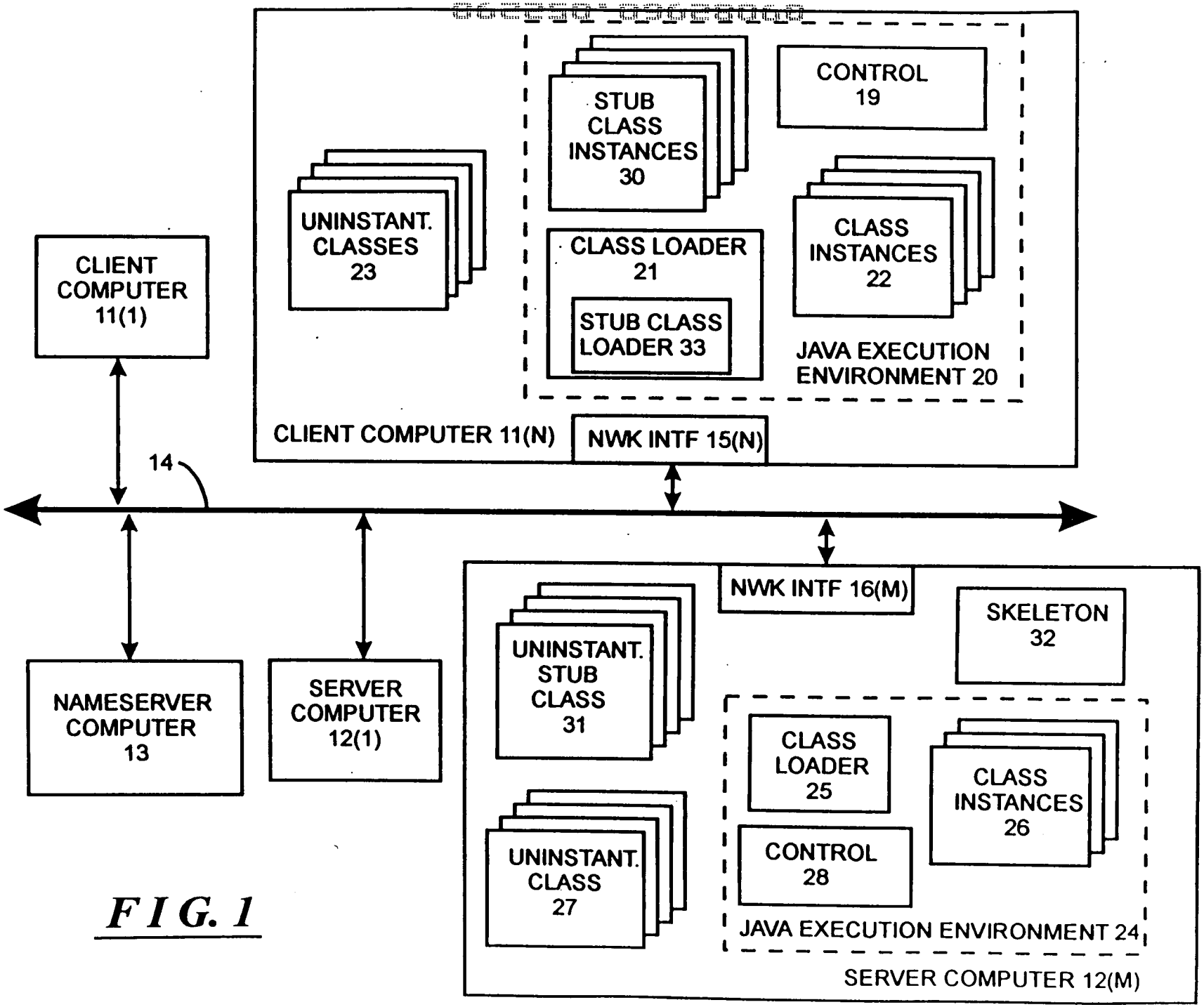

FIG. 1

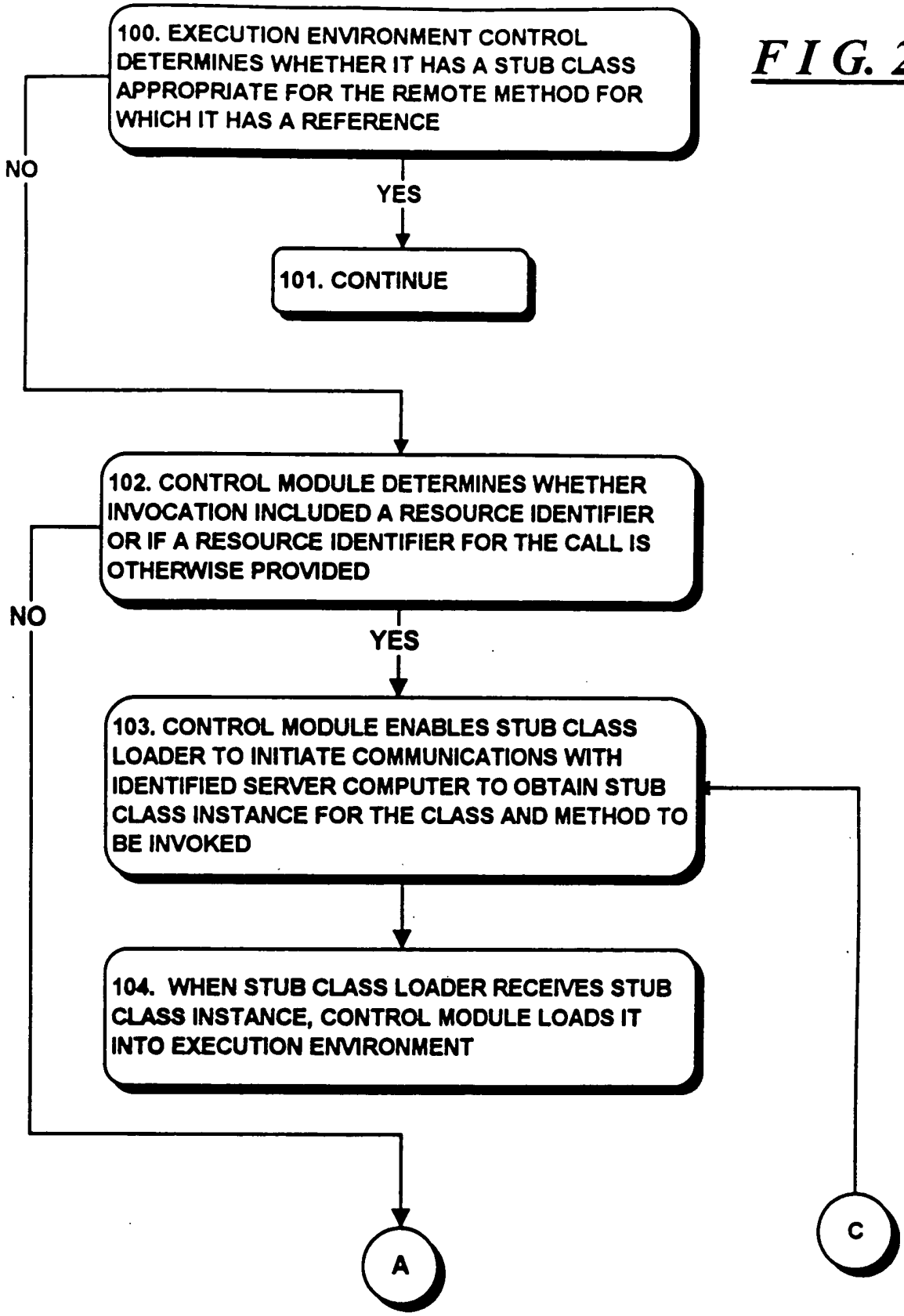
100. EXECUTION ENVIRONMENT CONTROL DETERMINES WHETHER IT HAS A STUB CLASS APPROPRIATE FOR THE REMOTE METHOD FOR WHICH IT HAS A REFERENCE
NO
YES
101. CONTINUE
102. CONTROL MODULE DETERMINES WHETHER INVOCATION INCLUDED A RESOURCE IDENTIFIER OR IF A RESOURCE IDENTIFIER FOR THE CALL IS OTHERWISE PROVIDED
NO
YES
103. CONTROL MODULE ENABLES STUB CLASS LOADER TO INITIATE COMMUNICATIONS WITH IDENTIFIED SERVER COMPUTER TO OBTAIN STUB CLASS INSTANCE FOR THE CLASS AND METHOD TO BE INVOKED
104. WHEN STUB CLASS LOADER RECEIVES STUB CLASS INSTANCE, CONTROL MODULE LOADS IT INTO EXECUTION ENVIRONMENT
A
C

FIG. 2

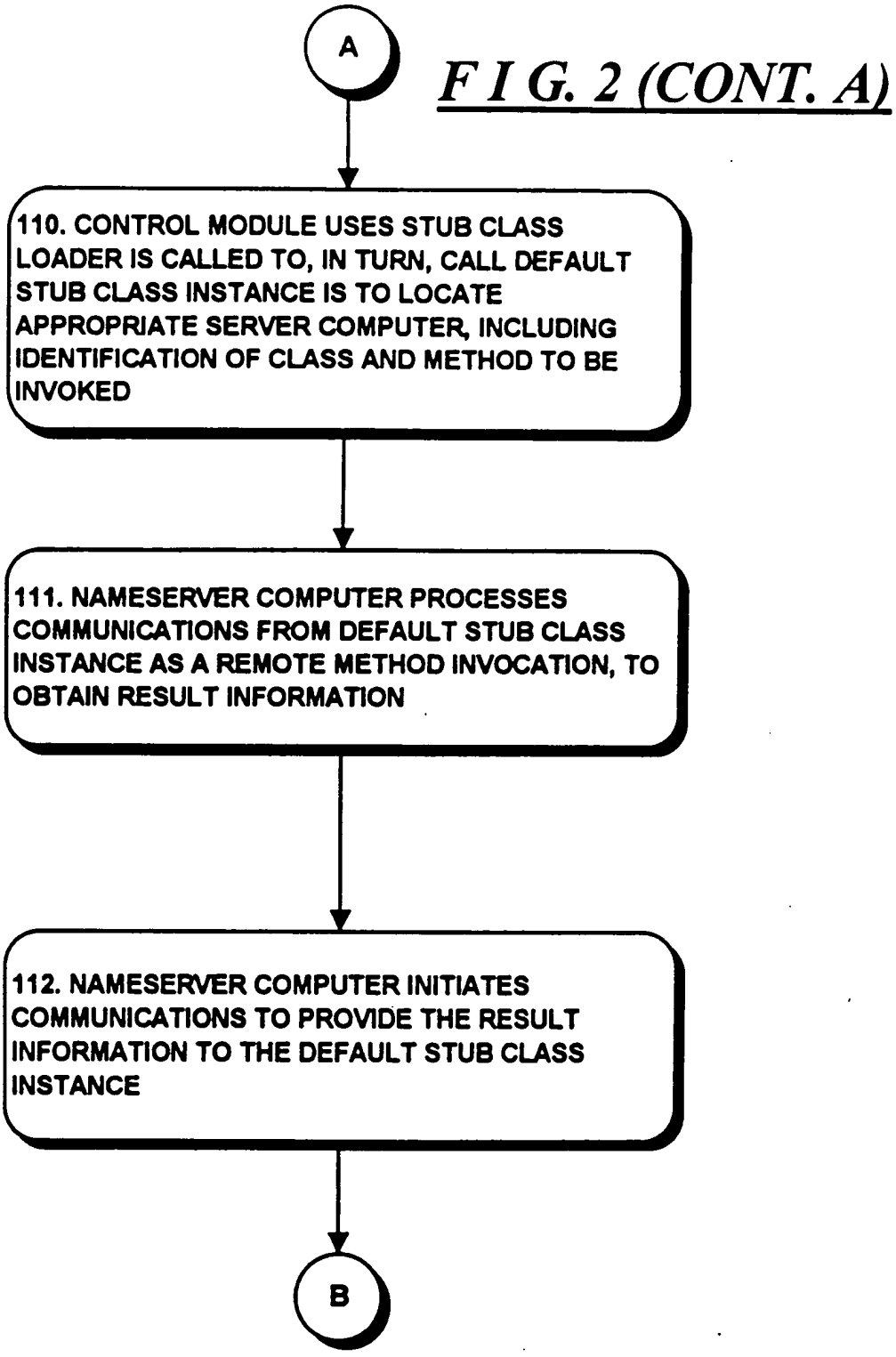
A
110. CONTROL MODULE USES STUB CLASS LOADER IS CALLED TO, IN TURN, CALL DEFAULT STUB CLASS INSTANCE IS TO LOCATE APPROPRIATE SERVER COMPUTER, INCLUDING IDENTIFICATION OF CLASS AND METHOD TO BE INVOKED
111. NAMESERVER COMPUTER PROCESSES COMMUNICATIONS FROM DEFAULT STUB CLASS INSTANCE AS A REMOTE METHOD INVOCATION, TO OBTAIN RESULT INFORMATION
112. NAMESERVER COMPUTER INITIATES COMMUNICATIONS TO PROVIDE THE RESULT INFORMATION TO THE DEFAULT STUB CLASS INSTANCE
B

FIG. 2 (CONT. A)

FIG. 2 (CONT. B)

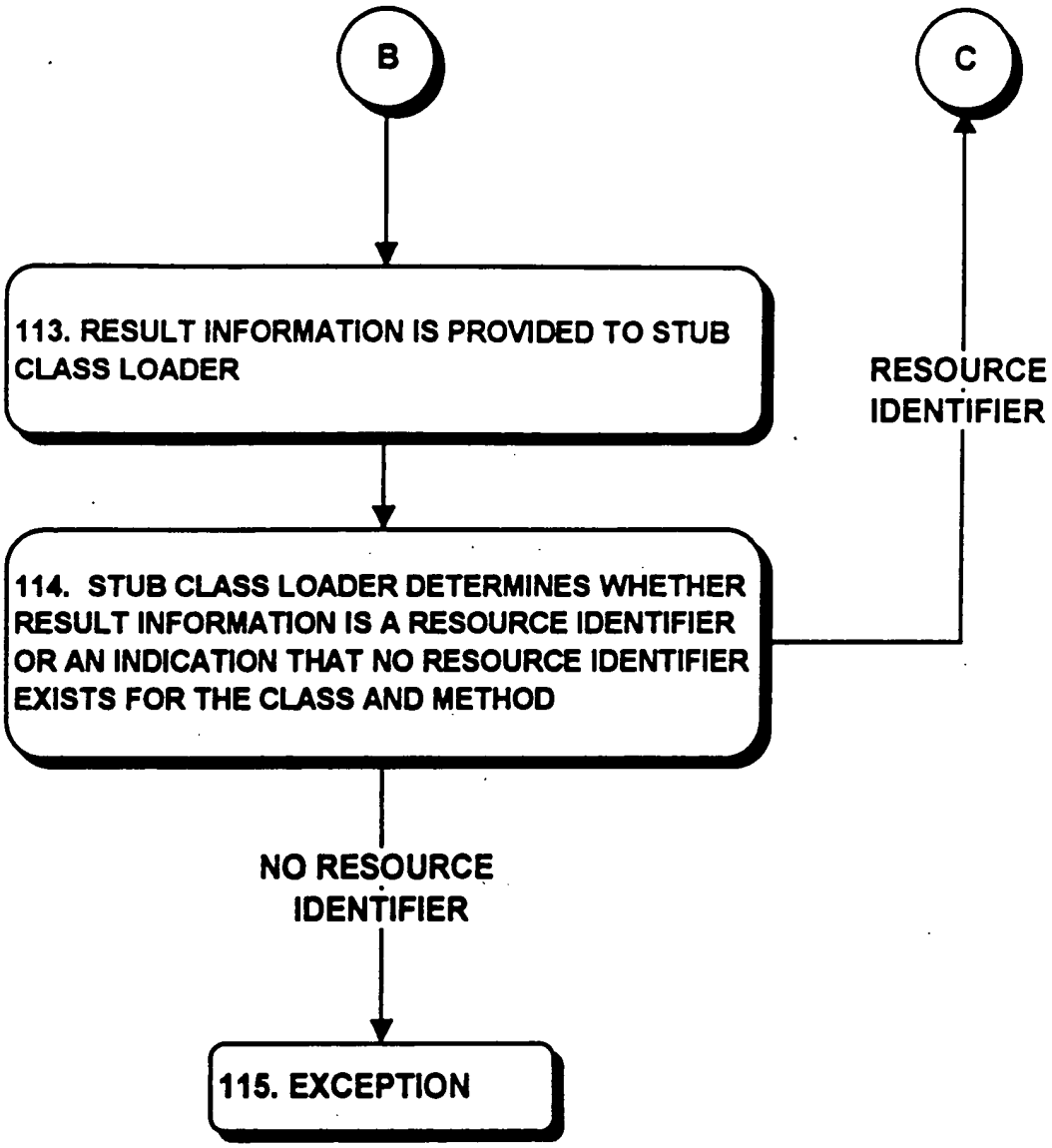
B
C
113. RESULT INFORMATION IS PROVIDED TO STUB CLASS LOADER
RESOURCE IDENTIFIER
114. STUB CLASS LOADER DETERMINES WHETHER RESULT INFORMATION IS A RESOURCE IDENTIFIER OR AN INDICATION THAT NO RESOURCE IDENTIFIER EXISTS FOR THE CLASS AND METHOD
NO RESOURCE IDENTIFIER
115. EXCEPTION

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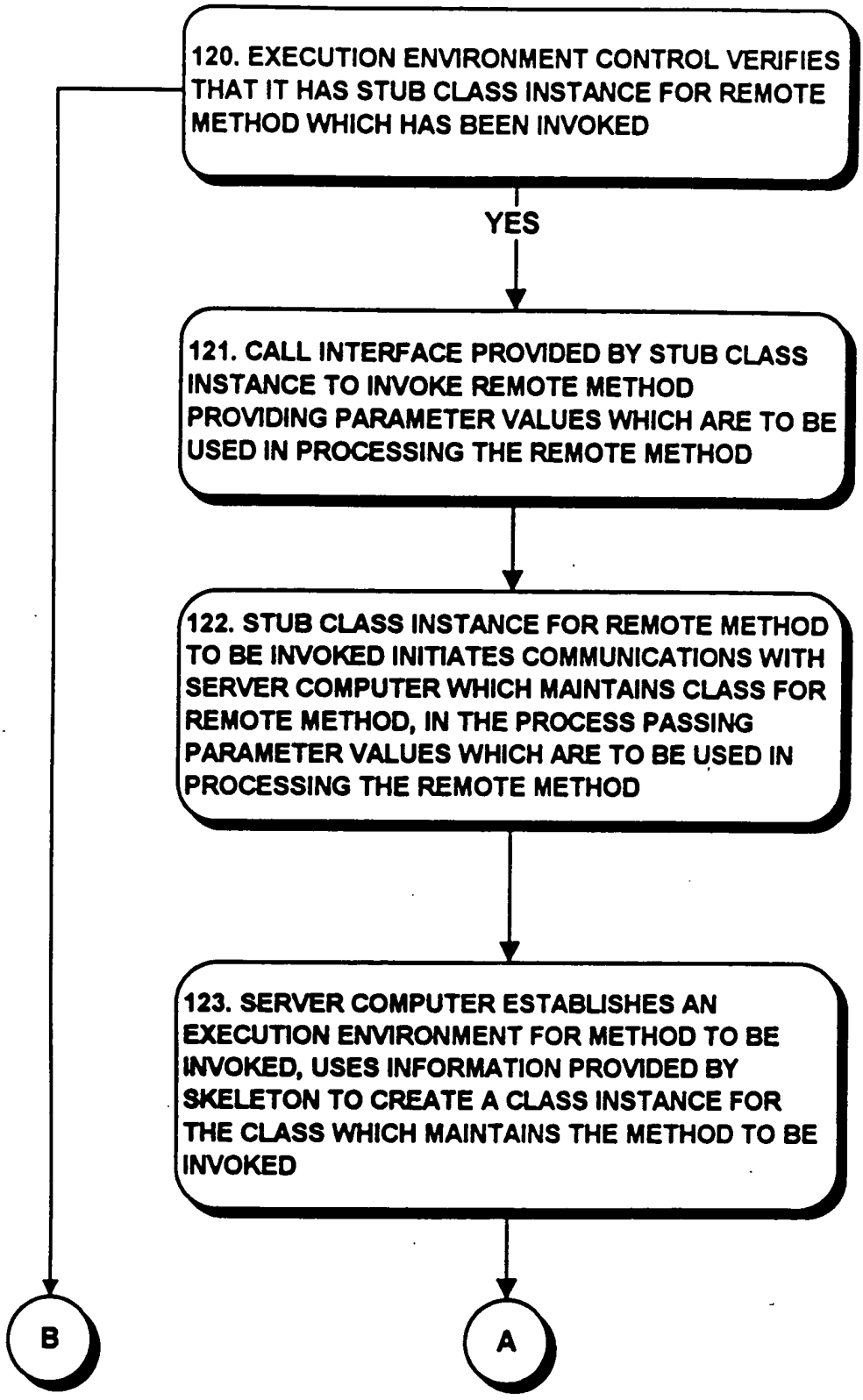
FIG. 3



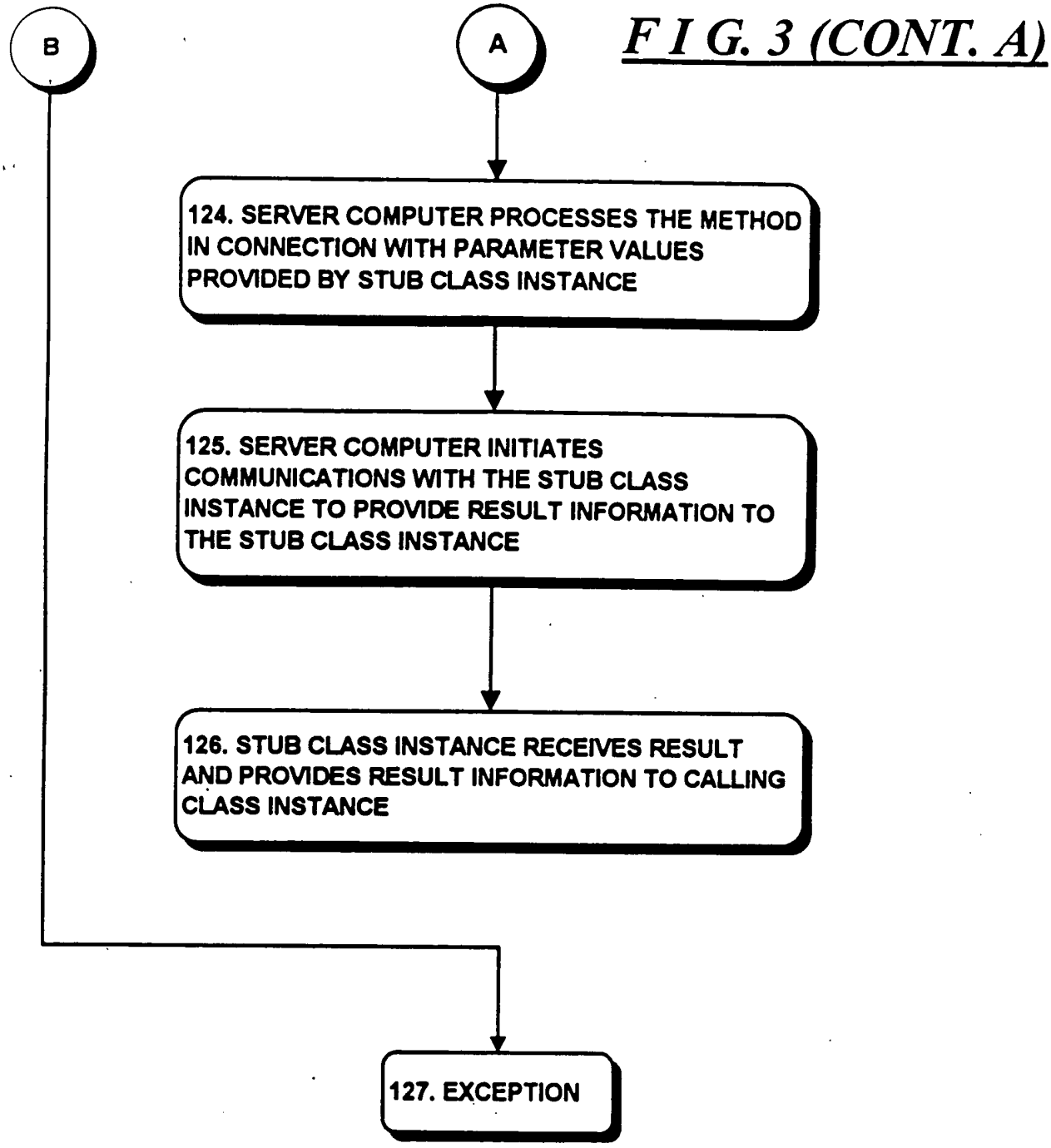

B
A
124. SERVER COMPUTER PROCESSES THE METHOD IN CONNECTION WITH PARAMETER VALUES PROVIDED BY STUB CLASS INSTANCE
125. SERVER COMPUTER INITIATES COMMUNICATIONS WITH THE STUB CLASS INSTANCE TO PROVIDE RESULT INFORMATION TO THE STUB CLASS INSTANCE
126. STUB CLASS INSTANCE RECEIVES RESULT AND PROVIDES RESULT INFORMATION TO CALLING CLASS INSTANCE
127. EXCEPTION

FIG. 3 (CONT. A)